COMMUNICATION CONTROLLER AND METHOD OF TRANSFORMING INFORMATION

ABSTRACT OF THE DISCLOSURE

A communication controller (20) for communication on at
5 least one communication bus (12, 14), each communication bus
transferring a data stream according to a communication
protocol, the communication controller comprising a
communication handler (17) coupled to the at least one
communication bus adapted to be programmable to perform
10 transformations of the data stream. The communication
controller is programmable on bit-level and allows updates /
changes of the communication protocol in existing systems
without changing the hardware. It further allows to use one
communication controller type for several buses /
15 communication protocols. (Fig. 1B)